SUBMISSION ID: 551899

FACILITY: Dovetail Energy LLC - Anaerobic

LOCATION: Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 581
MONITORING PERIOD:

2015-12-01 To: 2015-12-31

REPORTING LAB: Masi Environmental

ANALYST: C. Davis

				O DISCHARGE IN			
PARAMETER	Biochemical Oxygen Demand, 5 Day	рН	Oil and Grease, Hexane Extr Method	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus, Total In Sludge	Potassium In Sludge
PARAMETER CODE	00310	00400	00552	00611	00627	00668	00938
UNITS	mg/l	S.U.	mg/l	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING	1						
TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2015-12-01							
2015-12-02							
2015-12-03							
2015-12-04							
2015-12-05							
2015-12-06							
2015-12-07							
2015-12-08							
2015-12-09							
2015-12-10							_
2015-12-11							
2015-12-12							
2015-12-13 2015-12-14							
2015-12-14							
2015-12-16							
2015-12-17							
2015-12-18						***************************************	
2015-12-19							-
2015-12-20		***************************************					
2015-12-21	9700	8.03	1190	53200	87400	16400	9500
2015-12-22							
2015-12-23							
2015-12-24		***************************************					
2015-12-25							
2015-12-26							
2015-12-27							
2015-12-28							
2015-12-29							
2015-12-30							
2015-12-31		888888888888888888888888888888888888					
Minimum	9700.0	8.03	1190.0	53200.0	87400.0	16400.0	9500.0
Maximum	9700.0	8.03	1190.0	53200.0	87400.0	16400.0	9500.0
Average	9700	000000000000000000000000000000000000000	1190	53200	87400	16400	9500
Count	1	1	1	1	1	1	1
Name of Resp	onsible I certif	y under the per	nalty of law that		f Responsible		Submission
Official or Aut	thorized have pe	ersonally exam	ineď and am	Authori	zed Represent	ative	Date/Time
Representa	ative familia:	r with the info	rmation				
		ted herein and					
000000000000000000000000000000000000000		of those indiv			d00000000000000000000000000000000		
			ble for obtainin	g I			Certification
		ormation, I beli		. 1			Version Date
Bruco P	ailovisubmitt	ed information	is true, accura	te l			
DIUCE D	ailey and cor	npiete. I am av	vare that there				2016-01-
			es for submittin	ıg 🛮			20 07:01
		formation, incl					
	possibi	my of fine and	imprisonment.		000000000000000000000000000000000000000		

SUBMISSION ID: 551899

Dovetail Energy LLC - Anaerobic FACILITY:

Digestion Facility LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene DISTRICT: **SWDO**

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: MONITORING PERIOD:

2015-12-01 To: 2015-12-31 REPORTING LAB: Masi Environmental

ANALYST: C. Davis

PARAMETER	Arsenic, Total In Sludge	Cadmium, Total In Sludge	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total Ir Sludge	Selenium, Total In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	01148
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING							
TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2015-12-01							
2015-12-02							
2015-12-03							
2015-12-04				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
2015-12-05							
2015-12-06							
2015-12-07 2015-12-08	***************************************			***************************************			
2015-12-08							
2015-12-10	***************************************			***************************************			
2015-12-10							
2015-12-12	***************************************						
2015-12-13							
2015-12-14							
2015-12-15		***************************************		***************************************			
2015-12-16							
2015-12-17							
2015-12-18							
2015-12-19							
2015-12-20							
2015-12-21	13	2	361	6	11	581	4
2015-12-22							
2015-12-23	***************************************						
2015-12-24							
2015-12-25							
2015-12-26 2015-12-27							
2015-12-27							
2015-12-29							-
2015-12-30							-
2015-12-31							
Minimum	13.0	2.0	361.0	6.0	11.0	581.0	4.0
Maximum	13.0	2.0	361.0	6.0	11.0	581.0	4.0
Average	13	2	361	6	11	581	4
Count	1	1	1	1	1	1	1
Name of Resp Official or Aut Representa	horized _{have p} itive _{familia}	y under the pen ersonally exami r with the infor ted herein and l	mation	I Signature of Author	of Responsible (ized Represent	Official or ative	Submission Date/Time
Bruce B	inquiry immed the info submit and co are sig false ir	of those indivi iately responsil ormation, I belic ted information mplete. I am aw	duals ble for obtaining eve the is true, accurate are that there es for submitting uding the	j			Certification Version Date 2016-01- 20 07:01

SUBMISSION ID: 551899

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility LOCATION: 1146 Herr Rd

Fairborn, OH 45324

DISTRICT: **SWDO**

COUNTY: Greene STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: MONITORING PERIOD:

2015-12-01 To: 2015-12-31 REPORTING LAB: Masi Environmental

ANALYST: C. Davis

PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Sludge Solids, Percent Total	Mercury, Total In Sludge	Molybdenum Sludge	In
PARAMETER CODE	31641	51129	70316	70318	71921	78465	
UNITS	MPN/G	dry tons	Dry Tons	%	mg/kg	mg/kg	
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	
SAMPLING							
TYPE	Composite	Total	Total	Composite	Composite	Composite	
2015-12-01							
2015-12-02							
2015-12-03							
2015-12-04		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					
2015-12-05			888				
2015-12-06							
2015-12-07							
2015-12-08							
2015-12-09							
2015-12-10							
2015-12-11			1				
2015-12-12							
2015-12-13			_				
2015-12-14			-		***************************************	!	
2015-12-15 2015-12-16			<u> </u>				
2015-12-10		***************************************	!				
2015-12-17						 	
2015-12-19			-			!	
2015-12-19						 	
2015-12-21	292600	236	236	5.87	0.05	10	
2015-12-22	232000		230	3,07	0.03		
2015-12-23							
2015-12-24		~~~~			***************************************		
2015-12-25							
2015-12-26							
2015-12-27							
2015-12-28							
2015-12-29							
2015-12-30							
2015-12-31			0000000				
Minimum	292600.0	236.0	236.0	5.87	0.05	10.0	
Maximum	292600.0	236.0	236.0	5.87	0.05	10.0	
Average	292600	236	236	5.87	0.05	10	
Count	1	1	1	1	1	1	
Name of Resp	onsible I certify	y under the pe	nalty of law that		f Responsible		Submission
Official or Authorized have personally examined and am familiar with the information				Autnor	ized Represent	ative	Date/Time
vehieseilf	grannina.						
		ted herein and			000000000000000000000000000000000000000		100000000000000000000000000000000000000
		of those indiv		.			
immediately responsible for obtaining the information, I believe the				J			Certification
	huhmitt	ad information	ic true commot				Version Date
Rruce R	ailey and cor	.eu miormatioi	n is true, accurat	æ			2016-01-
DI GCC D	one y and cor	npiete. I am av	vare that there	a l			7010-01-
		formation, inc	ies for submittin	y			20 07:01
			luding the limprisonment.				
/ 000000000000000000000000000000000000	ID022IDI	TITA OF THIS GHO	i midi 120milent		000000000000000000000000000000000000000		300000000000000000000000000000000000000

SUBMISSION ID: 551899

FACILITY: Dovetail Energy LLC - Anaerobic

LOCATION: Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

-

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 584
MONITORING PERIOD:

2015-12-01 To: 2015-12-31

REPORTING LAB:

ANALYST:

PARAMETER	Biochemical Oxygen Demand, 5 Day	рН	Oil and Grease, Hexane Extr Method	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus Total in Slude	
PARAMETER CODE	00310	00400	00552	00611	00627	00668	00938
UNITS	mg/l	S.U.	mg/l	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2015-12-01							
2015-12-02							
2015-12-03							
2015-12-04		~~~					
2015-12-05	***************************************	000000000000000000000000000000000000000			http://www.compress.com/		
2015-12-06							
2015-12-07		***************************************				<u> </u>	
2015-12-08							
2015-12-09							
2015-12-10							
2015-12-11		***************************************					
2015-12-12	***************************************	***************************************	_				
2015-12-13							
2015-12-14	***************************************	***************************************				 	
2015-12-15							
2015-12-16							
2015-12-17							
2015-12-18 2015-12-19	***************************************	GARRONALIANONALIANONALIANONALIANONALIA					
2015-12-19			DEC. 1			-	
2015-12-20							
2015-12-21		***************************************					
2015-12-22							
2015-12-24							
2015-12-25			2000				
2015-12-26		••••					
2015-12-27			100			-	
2015-12-28							
2015-12-29		***************************************					***************************************
2015-12-30							
2015-12-31		***************************************					
Minimum		***************************************					
Maximum	***************************************	000000000000000000000000000000000000000			***************************************		
Average		***************************************					
Count	200000000000000000000000000000000000000	000000000000000000000000000000000000000			000000000000000000000000000000000000000		000000000000000000000000000000000000000
	horized _{have p} a itive _{familia}	y under the per ersonally exam r with the infor ted herein and	rmation	I Signature o Authori	f Responsible zed Represent	Official or ative	Submission Date/Time
Bruce B	inquiry immed the info submit and con are sig false in	of those indivitately responsion or mation, I belied the different of the following the different of the following the different penaltificant penaltiformation, inc.	iduals ble for obtaining ieve the n is true, accurat vare that there les for submittin	re l			Certification Version Date 2016-01- 20 07:01

SUBMISSION ID: 551899

Dovetail Energy LLC - Anaerobic FACILITY:

Digestion Facility LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene DISTRICT: **SWDO**

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 584

MONITORING PERIOD: 2015-12-01 To: 2015-12-31

REPORTING LAB:

ANALYST:

PARAMETER	Arsenic, Total In Sludge	Cadmium, Total In Sludge	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total Sludge	In Selenium, Total In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	01148
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composit	e Composite
2015-12-01							
2015-12-02			 				
2015-12-03			 				
2015-12-04							
2015-12-05							
2015-12-06			 				
2015-12-07							
2015-12-08		***************************************					
2015-12-09							
2015-12-10		***************************************					
2015-12-11							
2015-12-12							
2015-12-13							
2015-12-14			<u> </u>				
2015-12-15	***************************************	<u> </u>		***************************************			
2015-12-16							
2015-12-17	***************************************			***************************************		***************************************	
2015-12-18							
2015-12-19	***************************************	***************************************	<u> </u>			***************************************	
2015-12-20							
2015-12-21							
2015-12-22							
2015-12-23							
2015-12-24							
2015-12-25							
2015-12-26							
2015-12-27							
2015-12-28							
2015-12-29							
2015-12-30							
2015-12-31							
Minimum							
Maximum		000000000000000000000000000000000000000					
Average							
Count		000000000000000000000000000000000000000		***************************************			
Name of Resp Official or Aut Representa	horized _{have p} ative familia	y under the per ersonally exam ir with the infor ted herein and	rmation	I Signature o Author	f Responsible (ized Represent	Official or ative	Submission Date/Time
Bruce B	inquiry immed the inf submit and co are sig false in	y of those indivitately responsificately responsification, I belificated information mplete. I am awaificant penaltinformation, incl	iduals ble for obtaining eve the is true, accurate vare that there es for submitting	е			Certification Version Date 2016-01- 20 07:01

SUBMISSION ID: 551899

COUNTY:

DISTRICT:

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility LOCATION: 1146 Herr Rd

Fairborn, OH 45324

Greene **SWDO**

STATUS:

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 584

MONITORING PERIOD: 2015-12-01 To: 2015-12-31

Original

REPORTING LAB:

ANALYST:

PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Mercury, Total In Sludge	Molybdenum In Sludge			
PARAMETER CODE	31641	51129	70316	71921	78465			
UNITS	MPN/G	dry tons	Dry Tons	mg/kg	mg/kg			
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month			
SAMPLING TYPE	Multiple Grab	Total	Total	Composite	Composite			
2015-12-01								
2015-12-02			900					
2015-12-02			-					***************************************
2015-12-04								
2015-12-05								
2015-12-06								
2015-12-07			<u> </u>					
2015-12-08			<u> </u>		-			***************************************
2015-12-09			000					
2015-12-10		***************************************				***************************************		***************************************
2015-12-11			200					
2015-12-12								
2015-12-13							_	
2015-12-14								
2015-12-15			*	***************************************	-			<u> </u>
2015-12-16								
2015-12-17		***************************************						***************************************
2015-12-18							_	***************************************
2015-12-19	***************************************			***************************************		***************************************		wannananananananananananananananananana
2015-12-20			-				_	
2015-12-21		***************************************						***************************************
2015-12-22								
2015-12-23								
2015-12-24						***************************************		
2015-12-25								
2015-12-26								
2015-12-27								
2015-12-28								
2015-12-29								
2015-12-30								
2015-12-31								
Minimum								
Maximum								
Average								000000000000000000000000000000000000000
Count								***************************************
Official or Aut	Name of Responsible I certify under the penalty of law that I Official or Authorized have personally examined and am familiar with the information submitted herein and based on my		I Signature of Author	of Responsible (rized Represent	Official or ative		Submission Date/Time	
Bruce B	inquiry immedi the info submitt and cor are sign false in	of those individual of those individual of the contraction, I believed information of the contraction of the	iduals ble for obtaining ieve the n is true, accurat vare that there les for submittin	re l			_	ertification ersion Date 2016-01- 20 07:01

SUBMISSION ID: 551899

Dovetail Energy LLC - Anaerobic FACILITY:

Digestion Facility LOCATION: 1146 Herr Rd

Fairborn, OH 45324

Greene

COUNTY: DISTRICT: **SWDO** STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 586

MONITORING PERIOD: 2015-12-01 To: 2015-12-31

REPORTING LAB:

ANALYST:

PARAMETER	Sludge Fee						
PARAMETER	Weight						
CODE	51129						
UNITS	dry tons						
FREQUENCY	1/Year						
SAMPLING	Total						
TYPE	10.01						
2015-12-01							
2015-12-02							
2015-12-03							
2015-12-04							
2015-12-05		<u> </u>				 	
2015-12-06 2015-12-07							
2015-12-07						 	
2015-12-08							
2015-12-10		***************************************	***************************************	***************************************		I	
2015-12-11							
2015-12-12							
2015-12-13							
2015-12-14							
2015-12-15	***************************************						***************************************
2015-12-16							
2015-12-17							
2015-12-18							
2015-12-19							
2015-12-20				***************************************			
2015-12-21							
2015-12-22							
2015-12-23			***************************************	***************************************			
2015-12-24						 	
2015-12-25 2015-12-26				***************************************			
2015-12-20							
2015-12-28						 	
2015-12-29							
2015-12-30							
2015-12-31				***************************************			
Minimum							
Maximum			***************************************				
Average				***************************************			
Count				***************************************			
Terrescondental Company (Company Company Compa	onsible I corti	y under the per	alter of lase that	I Signaturo o	f Responsible	Official or	Submission
Official or Auti		ersonally exami		Author	ized Represent	ative	Date/Time
Representa	pro p	r with the infor			•		
-		ted herein and					
000000000000000000000000000000000000000	inguir	y of those indivi	duals		***************************************		300000000000000000000000000000000000000
	immed	liately responsil	ole for obtaining	, 			Osidi si
	the inf	ormation, I beli	eve the				Certification Version Date
D D.	au hmit	tod information	ic true occurret	e			
Ruce R	aney _{and co}	mplete. I am aw	are that there				2016-01-
	are sig	nificant penalti	es for submittin	g			20 07:01
	false ir	nformation, incl	uding the	1			EA ALIAT
000000000000000000000000000000000000000	possib	ility of fine and	imprisonment.			000000000000000000000000000000000000000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

SUBMISSION ID: 551899

Dovetail Energy LLC - Anaerobic FACILITY:

Digestion Facility LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene DISTRICT: **SWDO**

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 588

MONITORING PERIOD: 2015-12-01 To: 2015-12-31

REPORTING LAB:

ANALYST:

			N	D DISCHARGE II	NDICATOR:	AL	
PARAMETER	Sludge Weight						
PARAMETER CODE	70316						
UNITS	Dry Tons						
FREQUENCY	1/Year						
SAMPLING							
TYPE	Total						
2015-12-01							
2015-12-02							
2015-12-03							
2015-12-04							
2015-12-05							
2015-12-06							
2015-12-07							
2015-12-08							
2015-12-09	***************************************			***************************************	***************************************		
2015-12-10							
2015-12-11							
2015-12-12							
2015-12-13 2015-12-14							
2015-12-14							
2015-12-16	***************************************						
2015-12-17	000000000000000000000000000000000000000	***************************************		***************************************		***************************************	
2015-12-18							
2015-12-19							
2015-12-20							
2015-12-21			***************************************	***************************************			
2015-12-22							
2015-12-23							
2015-12-24							
2015-12-25							
2015-12-26							
2015-12-27							
2015-12-28							
2015-12-29	***************************************		***************************************				
2015-12-30							
2015-12-31							
Minimum		200000000000000000000000000000000000000					
Maximum							
Average							
Count							
Name of Responsible I certify under the penalty of law that I Official or Authorized have personally examined and am familiar with the information submitted herein and based on my				Signature o Authori	f Responsible (ized Represent	Official or ative	Submission Date/Time
inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.				e			Certification Version Date 2016-01- 20 07:01

FACILITY:Dovetail Energy LLC - Anaerobic Digestion Facility

LOCATION: 1146 Herr Rd

PERMIT NUMBER:
MONITORING PERIOD:

1IN00305*AD

2015-12-01 To: 2015-12-31

Fairborn, OH 45324

PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
-----------------	-------------------	-------------------	------	------	---------